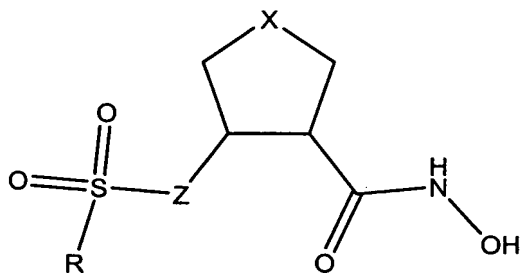


ABSTRACT OF THE DISCLOSURE

Disclosed are selective inhibitors of matrix metalloproteinases represented by the following formula (I).



(I)

wherein X is (CH₂)_nO, (CH₂)_nS, (CH₂)_nNR¹, (CH₂)_n(CH₂), or CH=CH, wherein n = 0, 1, or 2; R and R¹ are, independently, a substituted or unsubstituted alkyl, alkenyl, alkynyl, aryl, heteroaryl group, cycloalkyl, heterocycloalkyl, cycloalkenyl, or heterocycloalkenyl; and Z is NH or CH₂; or a pharmaceutically acceptable salt thereof. Also disclosed are methods of making such compounds and methods of using such compounds to inhibit tumor progression and to treat diseases such as arthritis.